

MICHIGAN DEPARTMENT OF EDUCATION

Application Instructions for the 2017-2018 Section 99s(2) MiSTEM Advisory Council Preferred STEM Education Programs

I. Background

In the 2016-2017 Michigan State Aid Act the legislature directed the MiSTEM Advisory Council to recommend to the governor, the legislature, and the state department of education (MDE) a statewide strategy for delivering STEM education-related opportunities to pupils¹ and objective criteria for determining preferred STEM programs. The legislature also provided funds to support the training of the MiSTEM Advisory Council in the Change the Equation (CTEq) STEMworks STEM education program rating system for the purpose of developing a Michigan rating system to determine quality STEM programs. Furthermore the legislation specified that by October 15 of each year, the MiSTEM Advisory Council must provide STEM quality ratings for programs recommended for funding under Sec. 99s(3). In 2016, \$1,000,000 was appropriated under Sec. 99s (3) to fund grants recommended by the MiSTEM Advisory Council for highly rated STEM programs in Michigan².

The Council has been directed to make specific funding recommendations by December 15 of each fiscal year. They have decided to use the CTEq STEMworks STEM education program rating system as the Michigan rating system. CTEq is a coalition of corporate members leading a movement to ensure that every young person in the US is STEM literate. In the fall of 2010, a group of CTEq members came together to create a set of principles for effective STEM programs. CTEq's [Design Principles for Effective STEM Philanthropy](#) draw on research and the collective experience of leaders in corporate philanthropy. These principles provide important guidance for measuring the quality of any STEM education program to boost the return on investment of either private or public dollars. A rigorous independent evaluation process was developed based on these principles to identify high-quality STEM programs that produce results. STEMworks,³ Change the Equation's honor roll of effective STEM Education Programs, features programs that make it through CTEq's rigorous review process.

The Michigan Department of Education (MDE), on behalf of the MiSTEM Advisory Council is seeking applications from STEM education programs that meet Change the Equation's criteria for "accomplished" or "promising" programs. Programs selected through this process will be included in Change the Equation's national STEMworks database. It is important to note that this is **not an application for funding**. This is an application for programs that want to be included in a national database for quality STEM education programs. Being included in this national data base may serve as a prequalification step for future funding and may be used by the MiSTEM Advisory Council, the Michigan legislature, local school districts, and/or the private sector to guide STEM education investments that will maximize their impact on STEM education.

¹ The MiSTEM Advisory Council report and recommendations can be found [here](#).

² The report referenced above includes a list of programs funded in 2016 -see Appendix B

³ [Change the Equation STEMworks Site](#)

II. Eligible applicants

STEM education program providers who have the capacity to serve school districts, schools, teachers and students in Michigan.

III. How to Apply

An application must be completed and submitted online at the [CtEq website](#).

Tips for success

- Review the [CTEq Design Principles](#) and [Rubric](#)
- Preview the online STEMworks proposal by downloading a [PDF version](#) of the complete online proposal form.

IV. Important dates and deadlines

2/16/17 (3-4:30 pm)	Informational webinar for state STEMworks applicants
2/24/17	Pre-screening applications due
3/17/17	Full Applications Due
3/20/17-5/8/17	Applications reviewed
5/15/17	Programs notified of review results

For more information:

Visit the [Michigan STEMworks website](#).

Or

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